Calvin Nguyen

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OBJECTIVE

A senior student with 2+ years working with Node.js/MongoDB. Strong experience building Web/iOS apps and great Payment background. Seeking for a summer internship 2020 in web backend/iOS development.

EDUCATION

B.S in Software Engineering | San Jose State University | 3.6/4.0   **Dec. 2020**

- Operating System
- Software Quality Testing
- Data Structures & Algorithms
- Object Oriented Programming
- Database Management System
- TensorFlow for A.I. (Deeplearning.ai)

EXPERIENCES

PayPal Inc.   **iOS Engineering Intern**   **Jun. 2019 – Aug. 2019**

- Pioneered iOS SDK with Bluetooth, Wi-Fi APIs for PayPal Here products
- Developed both iOS/Android app to communicate with mPOS devices
- Boosted testing experience of mPOS device faster by 3x in iOS and Android
- Hands-on card processing's experience with EMV/Contactless/Magstripe cards

Stealth Startup   **Node.js/iOS Software Engineer**   **Dec. 2018 – Current**

- Wrote detailed on-boarding doc, project requirements, and web architecture diagrams
- Released 2 versions of web dashboards in MongoDB, Express, React and Node
- Built and deployed a Swift prototype to TestFlight
- Utilized Google Cloud for file uploading & App Engine for client/server deployment

PayPal Inc.   **Full-stack Engineering Intern**   **Jun. 2018 – Aug. 2018**

- Worked with Director of People Engagement Team to build and deploy an event app
- Intensive backend development in Node.js, PostgreSQL that contains 3000+ LOC
- Designed and developed UI using Apache Cordova, HTML/CSS/JavaScript/Mustache
- Collected data of 2000+ employees to enhance on-campus engagement experience

UC Berkeley   **CS 61B Lab Assistant**   **Aug. 2016 – May 2017**

- Assisted students in lab & office hours in a Data Structure course of 900+ students
- Enhanced analytical and debugging skills while helping students solve their problems

PROJECTS

Degree Planning Assistant | Lead Backend Node.js Developer

- A web app that recommends a balanced schedule for students based on their needs and course difficulty
- Built a transcript parser using Google Cloud Vision API, Node.js, and many CRUD APIs

Easy Split Payment | Project Lead

- Led a team of 3 to design the UI & 3-tier architecture for financial tracking among group's members
- Full-stack development with RESTful APIs, MySQL, Node.js/Express.js, React.js & Heroku

Python Developer | Intro to A.I.

- Learn the concept of Heuristics and forward checking in CSP
- Implement informed/uniformed search algorithms such as A* algorithm, BFS/DFS

SKILLS

Front-end: HTML/CSS/JavaScript, Cordova, React.js
Back-end: Node.js/Express.js, REST API, Mocha.js
Mobile: Swift/SwiftUI, Java, XCode, Android Studio
Cloud: Google Cloud, Heroku, AWS
Artificial Intelligence: Python, TensorFlow
Database: MongoDB, PostgreSQL, MySQL